



Reply To: 3460

Date: December 23, 1992

Ms. Marilyn Paris, Superintendent  
Fort Necessity National Battlefield and  
Friendship Hill National Historic Site  
USDA National Park Service  
The National Pike  
RD #2, BOX 528  
Farmington, PA 15437

Dear Marilyn:

On November 9 and 10, 1992, USDA Forest Service personnel conducted a gypsy moth egg mass survey at Fort Necessity National Battlefield and Friendship Hill National Historic Site. The purpose of these surveys was to determine gypsy moth population densities and to assess the potential for defoliation and the need for treatment in 1993.

The results of the survey are presented in Table 1 and 2. The survey plot locations are shown in Figure 1 and 2. In brief, egg mass densities ranged from 0-600 and averaged 64 egg masses per acre at Fort Necessity and ranged from 0-40 and averaged 20 egg masses per acre at Friendship Hill. No noticeable defoliation is expected at either site so treatment is not necessary in 1993.

If you have any questions or require additional information, please call me at 304-285-1541.

Sincerely,

*Rodney L. Whiteman*

RODNEY L. WHITEMAN  
Forestry Technician  
Forest Health Protection

Enclosures

cc: AO  
Larry Rhoads  
Chuck Smith  
Mike Brennan  
Dave Reynolds

RLW/ct



Table 1. -- Gypsy Moth Egg Mass Survey Results at  
Fort Necessity National Battlefield, November 10, 1992.

Grid Point	Number EM/Acre
BA1	0
BA3	80
FC6	40
FC10	0
FD4	0
FD9	80
FE13	0
FF7	0
FH9	0
FI15	40
FJ4	0
FL12	0
FN5	80
FO7	120
FO11	600
JA3	0
JA5	40

Range = 0-600 EM/Acre

Average = 64 EM/Acre

Table 2. -- Gypsy Moth Egg Mass Survey Results at  
Friendship Hill National Historic Site, November 9, 1992.

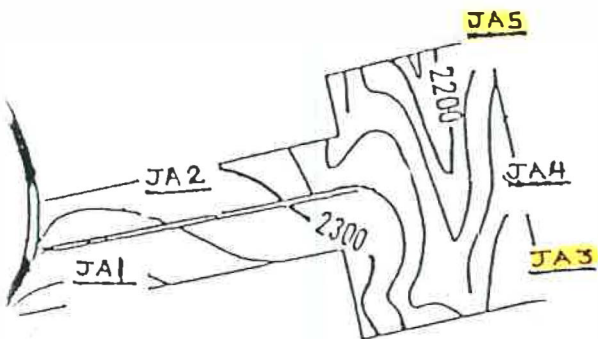
Plot Number	Number EM/Acre
1	0
2	0
3	0
4	40
5	40
6	40
7	0
8	40
9	0
10	40
11	40
12	0

Range = 0-40 EM/Acre  
Average = 20 EM/Acre

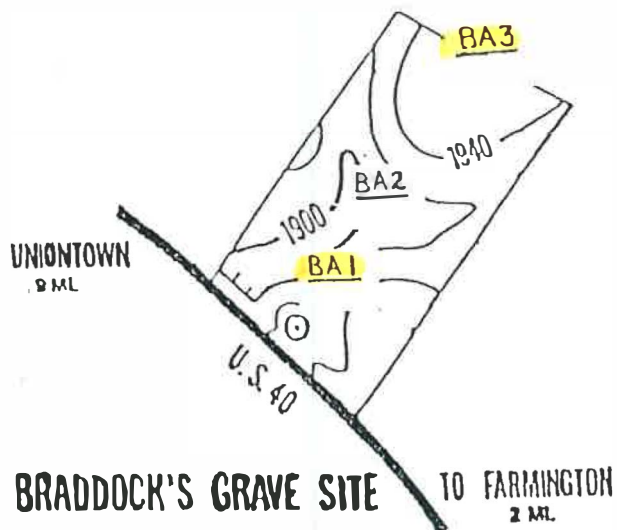
Figure -- Gypsy moth egg mass survey plot location  
at Fort Necessity, Jumonville Glen &  
Braddocks Gravesite, November 10, 1992.

FORT NECESSITY NATIONAL BAT. FIELD

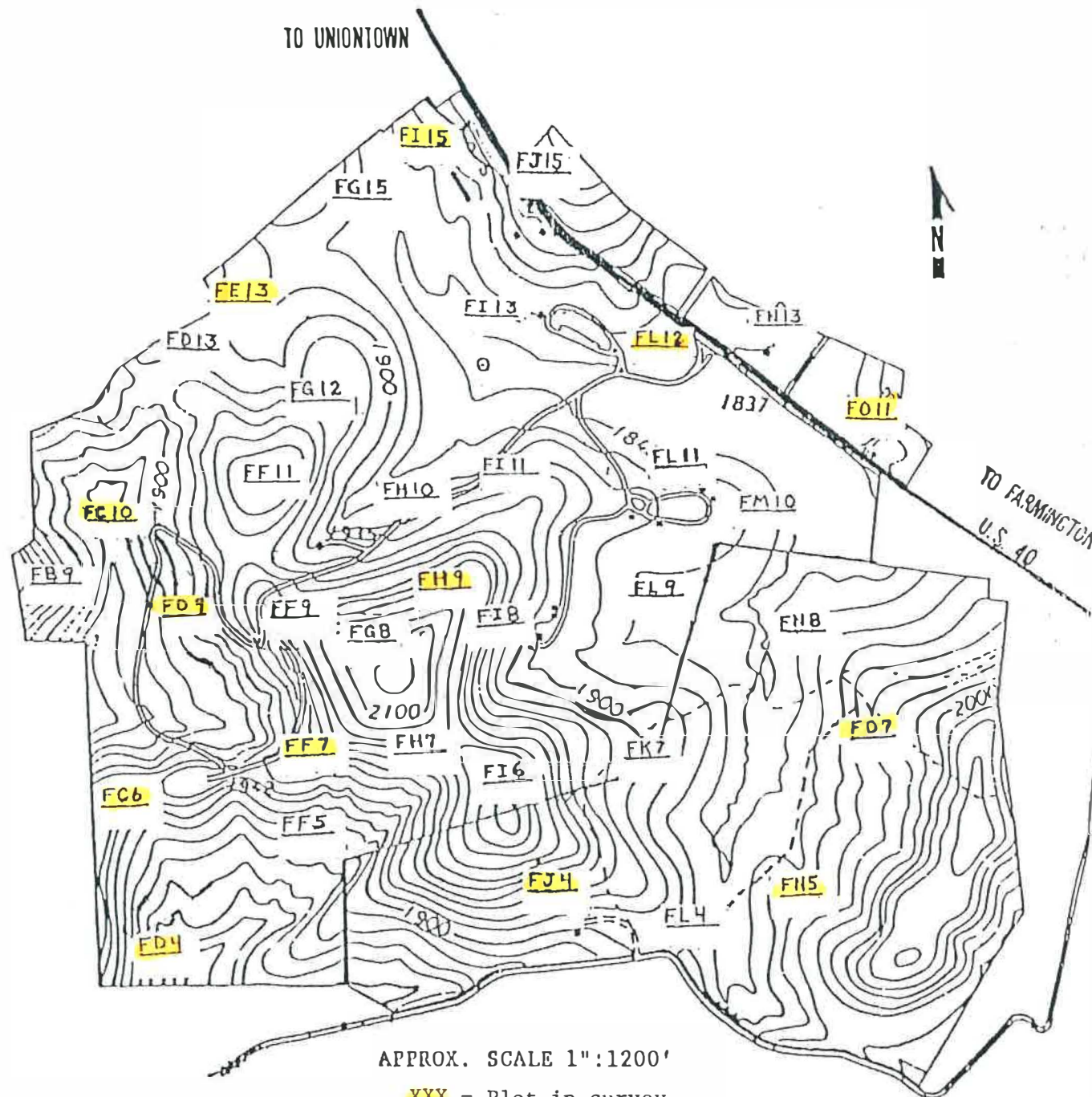
## JUMONVILLE GLEN



PROX. SCALE 1":700'



APPROX. SCALE 1":700'



APPROX. SCALE 1":1200'

XXX = Plot in survey

# Friendship Hill National Historic Site

## Hiking Trails

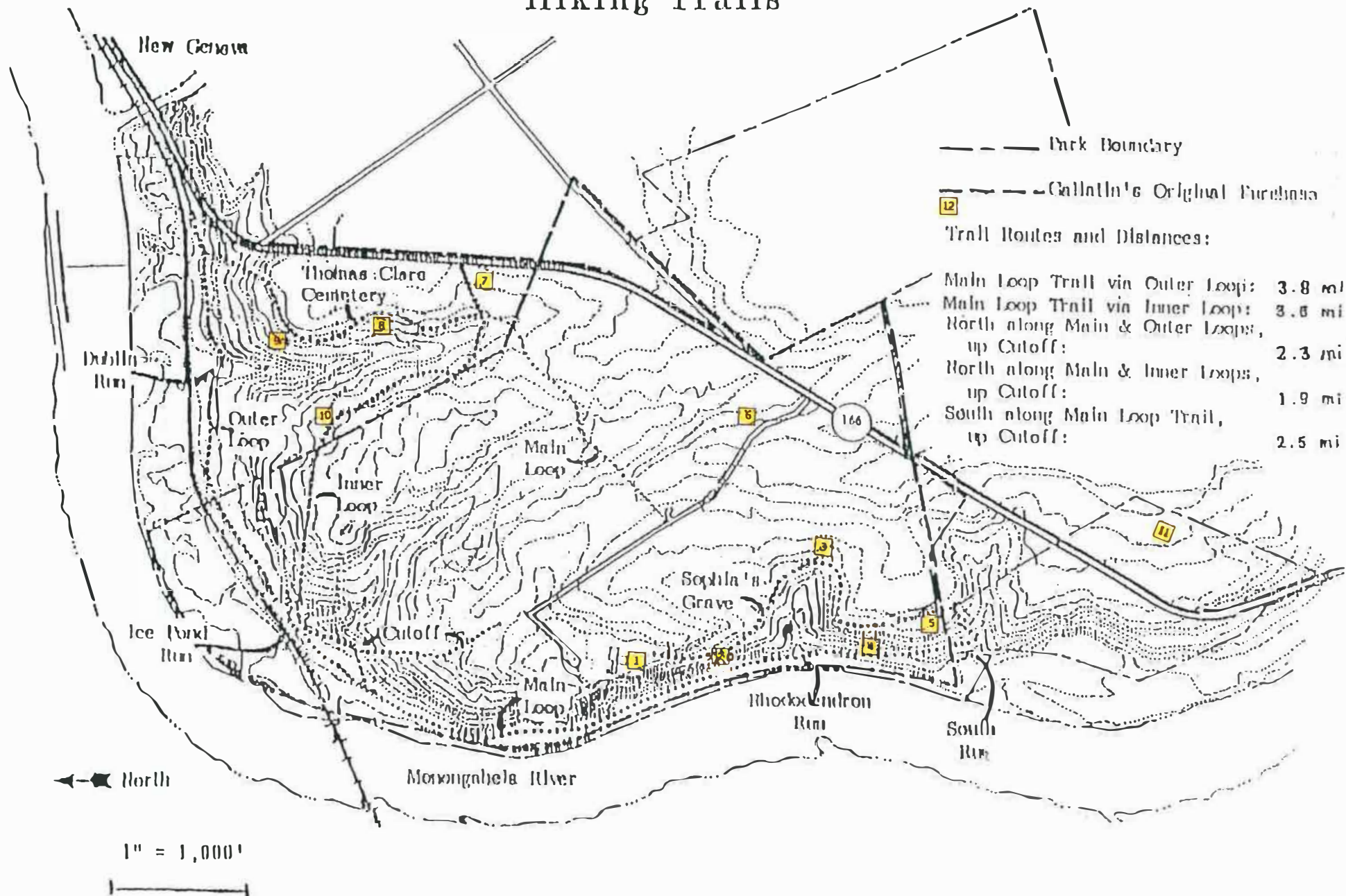


Figure 2. -- Gypsy moth egg mass survey plot locations at Friendship Hill National Site, November 9, 1992.

### LEGEND

Plot locations = 1-12